

1 **ABSTRACT**

2 Context-aware and location-aware cellular phones and methods are
3 described. In one embodiment, cellular phones are configured to wirelessly
4 receive information that pertains to their current context or location. The phones
5 then automatically use the information to modify one or more cellular phone
6 behaviors, e.g. by turning the phone off, changing the ringer's pitch, or placing the
7 phone in a vibrate mode. In one particular embodiment, various location types are
8 defined and have associated attributes that define a desired cellular phone
9 behavior. One or more transmitters at a location for which a behavior is desired
10 transmit information that pertains to the location's class type. The cell phones can
11 carry an association of class types and their behaviors so that when the phones
12 receive the class type information, they can automatically adjust their behavior.
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